

ABSTRACT OF THE DISCLOSURE

A blend of polymeric materials comprising

(A) of from about 1 to about 99.99 weight percent based on the combined weights of Components A, B and C of at least one substantially random interpolmer; and wherein said interpolmer;

(1) contains of from about 0.5 to about 65 mole percent of polymer units derived from;

(a) at least one vinyl or vinylidene aromatic monomer, or

(b) at least one hindered aliphatic or cycloaliphatic vinyl or vinylidene monomer, or

(c) a combination of at least one vinyl or vinylidene aromatic monomer and at least one hindered aliphatic or cycloaliphatic vinyl or vinylidene monomer;

(2) contains of from about 35 to about 99.5 mole percent of polymer units derived from at least one aliphatic α -olefin having from 2 to 20 carbon atoms;

(3) has a molecular weight (M_n) greater than about 1,000;

(4) has a melt index (I_2) of from about 0.01 to about 1,000;

(5) has a molecular weight distribution (M_w/M_n) of from about 1.5 to about 20; and

(B) of from about 99 to about 0.01 weight percent based on the combined weights of Components A, B, and C of one or more conductive additives and/or one or more additives with high magnetic permeability ; and

(C) of from 0 to about 98.99 weight percent based on the combined weights of Components A, B, and C of one or more polymers other than A.